

Date: Tue, 8 Feb 94 12:11:54 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #123  
To: Info-Hams

Info-Hams Digest                      Tue, 8 Feb 94                      Volume 94 : Issue 123

Today's Topics:

40 Meter Loop Antenna  
ANS Bulletin 039.01  
Antenna Lawsuit  
Antenna Price vs Performance  
FCC: Whats taking so long????  
Field Day Logging Program  
Guns and 02 (was Re: (2 msgs)  
Help: Need modification for Azden PCS-7500H  
Illegal Activities of Dominique Corman  
Internet legality question  
mast  
Operating in Canada?  
Q's on actual repeater locations  
RF? problem with TS-440...need advice  
RF quiet computer monitors?  
Robert is back (?) (w  
Securing VX0 coils, what glue?  
Yaesu FT-5100 <-> MFJ-1270B

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 8 Feb 94 17:23:02 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: 40 Meter Loop Antenna  
To: info-hams@ucsd.edu

I live in a condo that has a lot that is just too short to put up a 40 meter dipole (and the homeowner's association made me take down the vertical). Does anyone have any plans for a 40 meter transmitting loop? I've seen some that are compact, made of copper pipe and are capable of multiband operation. I've also read that they tend to cancel out atmospheric noise.

Any input would be appreciated.

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=====
Steve Egert                                Home:(714) 562-8583
Systems Engineer                           Work:(714) 724-3597
Data General Corporation - Irvine, CA
Internet: steve_egert@dgc.ceo.dg.com      AX.25: KE0KD@WB6YMH
=====
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Date: 8 Feb 94 19:27:54 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: ANS Bulletin 039.01  
To: info-hams@ucsd.edu

SB SAT @ AMSAT \$ANS-039.01  
AO-13 OPERATIONS NET SCHEDS

HR AMSAT NEWS SERVICE BULLETIN 039.01 FROM AMSAT HQ  
SILVER SPRING, MD FEBRUARY 8, 1994  
TO ALL RADIO AMATEURS BT  
BID: \$ANS-039.01

#### Current AMSAT Operations Net Schedule For AO-13

AMSAT Operations Nets are planned for the following times. Mode-B Nets are conducted on AO-13 on a downlink frequency of 145.950 MHz. If, at the start of the OPS Net, the frequency of 145.950 MHz is being used for a QSO, OPS Net enthusiasts are asked to move to the alternate frequency of 145.955 MHz.

Date	UTC	Mode	Phs	NCS	Alt NCS
12-Feb-94	2200	B	063	W9ODI	VE2LVC
20-Feb-94	0200	B	070	WA5ZIB	W5IU
28-Feb-94	0430	B	068	WB6LLO	W9ODI

Any stations with information on current events would be most welcomed. Also, those interested in discussing technical issues or who have questions about any particular aspect of OSCAR statellite operations, are encouraged to join the OPS Nets. If neither of the Net

Control Stations show up, any participant is invited to act as the NCS.

/EX

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Date: Sun, 6 Feb 94 06:03:00 -0005  
From: wyvern!select!dan@uunet.uu.net  
Subject: Antenna Lawsuit  
To: info-hams@ucsd.edu

Ed Ellers <edellers@delphi.com> writes:

> Carole L. Hamilton <clh6w@faraday.clas.Virginia.EDU> writes:  
>  
> >That's a very fine distinction. The government runs the court system. If  
> >I win my law suit I can get the sherrif to remove your radio tower.  
> >If that's not the government enforcing my rights, it sure walks like a duck.  
> >73, Ned AB6FI  
>  
> It may sound like a "fine distinction" to you, but it's a very real one.  
>  
> If I commit a crime against you, you can call the police and have me arrested  
> the DA prosecutes and I end up in jail. This takes NO effort or expense on y  
> part except for talking to the cops and the DA's investigators and for  
> testifying against me in court.  
>  
> In a civil case, YOU have to file the suit and hire the lawyers. If the cour  
> rules against me and I defy the order, YOU have to go back to court to get an  
> order directing the sheriff to enforce the original order, again with your ow  
> legal counsel at your own expense.

\_IF\_ you can get a judge to take such drastic action. More likely he(she)  
would just hold you in contempt of court until you came around to the  
courts way of thinking.

Dan Pickersgill N8PKV - dan@mystis.wariat.org - ac447@po.cwru.edu

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Cam-GOLD v1.00:

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Date: 3 Feb 94 20:41:35 GMT  
From: sdd.hp.com!col.hp.com!srigenprp!alanb@hplabs.hp.com  
Subject: Antenna Price vs Performance  
To: info-hams@ucsd.edu

Paul Schou (pschou@delphi.com) wrote:

: I have found that the old adage "The more Copper the better." is true.  
: I have found that a long piece of wire hung from a tall tree is usually  
: better than a trapped vertical, be it called quarter or half wave.  
: I have found that the tallest commercial Ham vertical works better than  
: the shortest. (See "more Copper")  
: I have found that to work DX the fewer skips the better. This means height  
: to lower the radiation angle.  
: I have found that even a 10' random wire will work under good band conditions.  
: I have found that a 20 meter beam at 30' is not much better than anything  
: else at the same height. (Yes it's a little quieter.)

I agree 100% with all but the last statement. 30 feet is about 1/2 wavelength on 20 meters which should be adequate for the beam to work reasonably well. No argument that higher is better, however, especially for long-distance DX.

: All in all I'd recommend a wire antenna as high as possible.

I agree for a low-band antenna (160/80/40/30 meters). And I agree for the higher bands if you can't afford a beam/tower.

: The point is to get on the air.

Right on! You can make contacts with anything when the band is open.

AL N1AL

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Date: 7 Feb 94 16:32:09 GMT  
From: ogicse!psgrain!research-01.mskcc.org!psinntp!psinntp!arrl.org!  
zlau@network.ucsd.edu  
Subject: FCC: Whats taking so long????  
To: info-hams@ucsd.edu

Ted Trost (tedtrost@delphi.com) wrote:  
: I just got mine after almost 75 days.

: Sit tight, as hard as it is.

I wonder if the new computer system has anything to do with it.  
They might be busy learning how to use it.

--

Zack Lau KH6CP/1

2 way QRP WAS

8 States on 10 GHz  
Internet: zlau@arrl.org 10 grids on 2304 MHz

-----  
Date: 3 Feb 94 20:47:30 GMT  
From: sdd.hp.com!col.hp.com!srngenprp!alanb@hplabs.hp.com  
Subject: Field Day Logging Program  
To: info-hams@ucsd.edu

Tom\_Jennings (jennings@eng115.rochny.USpra.abb.COM) wrote:

: Well it's time to start planning for Field Day. It's my job  
: to find a good logging program. So I am looking for suggestions  
: and opinions and will summarize the responses in case anyone else  
: is doing the same.  
: Please e-mail direct to me.

I'll post rather than e-mail since I think the question is of general interest.

The problem with logging programs for Field Day is that most of the operators will be "learning on the job." I have found that I can keep the log and dupe sheets on paper much faster than most operators can work the computer, at least until they have a few hours of practice under their belts.

If most of your operators already are familiar with one of the popular logging programs, then use that one. If not, then pick the program that is easiest/fastest to learn to use and have a training session some evening before Field Day starts.

AL N1AL

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Date: Sun, 6 Feb 94 05:45:00 -0005  
From: wyvern!select!dan@uunet.uu.net  
Subject: Guns and 02 (was Re:  
To: info-hams@ucsd.edu

myers@pongo.West.Sun.COM (Dana Myers ) writes:

> In article <2irn94\$rsj@sugar.NeoSoft.COM> xraytech@sugar.NeoSoft.COM (A great  
> >In article <2irhk2INNbna@abyss.west.sun.com>,  
> >Dana Myers <myers@pongo.West.Sun.COM> wrote:  
> >>  
> >>Now, back to amateur radio concerns...

> >> \* This Extra supports the abolition of the 13 and 20 WPM tests \*  
> >  
> >Why not abolish ALL testing. It seems to me that's what most of the  
> >whiners want anyway, right?  
> >  
>  
>  
> Does anyone else suspect that Robert Coyle (WA3J) is back?

I was thinking the very same thing, just not enough to mention it!

Dan Pickersgill N8PKV - dan@mystis.wariat.org - ac447@po.cwru.edu

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Cam-GOLD v1.00:

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Date: Sun, 6 Feb 94 05:57:00 -0005  
From: wyvern!select!dan@uunet.uu.net  
Subject: Guns and 02 (was Re:  
To: info-hams@ucsd.edu

xraytech@sugar.NeoSoft.COM (A great x ray technician!) writes:

> In article <qe10gc3w165w@mystis.wariat.org>,  
> Dan Pickersgill N8PKV <dan@mystis.wariat.org> wrote:  
> >xraytech@sugar.NeoSoft.COM (A great x ray technician!) writes:  
> >  
> >> In article <CKq1Fu.Fq7@ucdavis.edu>,  
> >> Daniel D. Todd <ez006683@chip.ucdavis.edu> wrote:  
> >> >A great x ray technician! (xraytech@sugar.NeoSoft.COM) wrote:  
> >>  
> >> >: Abolish ALL testing.  
> >> >Is this what you believe?  
> >>  
> >> Perhaps you should direct that question to the biggest whiner  
> >> in this newsgroup, Dan Pickersgill.  
> >  
> >At least I use my name and call. I don't hide behind a "Handle" like a  
> [ self-serving bullshit deleted ]  
> >of intelect, maybe not. 10-4 Good Buddy...  
>  
> Ah yes, a natural born Two Meter operator.

And PROUD of it!

(Actually I spend most of my (on air) time on 440, but Robert hasn't

gotten ONE SINGLE thing right yet, why start now.)

And \_I\_ do not hide behind a (CBer style) HANDLE.

(Who is the 'Good Buddie' here?)

Dan Pickersgill N8PKV - dan@mystis.wariat.org - ac447@po.cwru.edu

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Cam-GOLD v1.00:

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Date: Mon, 7 Feb 1994 12:17:15 GMT

From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!usc!crash!pro-haven!  
phantom@network.ucsd.edu

Subject: Help: Need modification for Azden PCS-7500H

To: info-hams@ucsd.edu

Howdy...

I know this isn't the right place to ask for this, but my I'net  
link doesn't receive rec.radio.amateur.info(?).....

Would some kind soul out there please either send me the MARS/CAP  
mod for the Azden PCS-7500H 6 meter mobile transceiver? I would really  
appreciate it lots!

Also, any questions or comments you have about the rig would be  
welcome as well.....

Tnx es best of 73!

Tiffany  
(kj5gu)

kj5gu@detlev.tamu.edu

or

phantom@pro-haven.cts.com (preferred...the other one's never up...)

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Internet: phantom@pro-haven.cts.com

UUCP: crash!pro-haven!phantom

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Date: 5 Feb 1994 03:13:10 GMT

From: metro!dmssyd.syd.dms.CSIRO.AU!dmsperth.per.dms.CSIRO.AU!uniwa!

harbinger.cc.monash.edu.au!yeshua.marcam.com!news.kei.com!sol.ctr.columbia.edu!

spool.mu.edu!olivea!korie1!@munnnari.oz.au

Subject: Illegal Activities of Dominique Corman  
To: info-hams@ucsd.edu

In article 63z@news.Hawaii.Edu, jherman@uhunix.uhcc.Hawaii.Edu (Jeff Herman) writes:

>

>In article <CK45ys.9II@ve6mgs.ampr.ab.ca> mark@ve6mgs.ampr.ab.ca (Mark Gregory Salyzyn) writes:

>>dominique.cormann@canrem.com (Dominique Cormann) writes:

>>

>>>I have the following for sale or trade:

>> < A list of Equipment illegal for use on CB frequencies deleted. It is >

>> < illegal to sell this equipment for use in the CB service. Also deleted>

>> < are the comments of misplaced pride of it's operation on that service >

>>

>>I am responding publicly about this, since the machine Dominique uses, a BBS

>>called Canada Remote (canrem) Systems situated in Toronto Ontario Canada, is

>>incapable of receiving inbound electronic mail.

>>

>

><Mark's actions deleted>

>

>Yeah Mark! I'm glad to see someone take the initiative to help out the

>government in getting these people fined and put in jail if necessary.

>There will be many armchair-lawyers out there who will accuse you of

>playing ham cop (or whatever Dana called me) who are willing to sit back

>and complain without lifting a finger to do anything, so be prepared

>to get a 3rd degree burn.

>

>This is ``self-policing'' in its finest! [Meaning that we police ``our-

>selves'', not just ``myself']

The term I used was "hamster cop", Jeff.

As the president of the local amateur radio club, with a membership of over 210 people, I deal with similar incidents on a personal basis. I know this is alien to the Usenet-hide-behind-the-keyboard-and-flame-em-crisp mentality, but I actually talk to people. I don't to get to flame someone and then add them to my kill file. I take the risk of offending someone and then getting jammed every time I get on the air. I take the risk of being physically injured. You see, I actually have to come down of the "we're self-policing" high horse and think about "how can we make the right thing happen?".

Hamster cops, who jubilantly condemn people with the slightest shred of evidence, who take it upon themselves to read the riot to people, who talk down to intelligent people, these hamster cops leave a bad taste in people's mouths that I encounter every now and again.



Well, net.hamster.vigilantes, enjoy your tirades. I'm out in the real world trying to build people up, not further the stereotype of all amateurs being anal-retentive wannabe-cops.

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\* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are \*  
\* (310) 348-6043 | mine and do not necessarily \*  
\* Dana.Myers@West.Sun.Com | reflect those of my employer \*  
\* This Extra supports the abolition of the 13 and 20 WPM tests \*

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Date: Sun, 06 Feb 94 22:03:48 PST  
From: destroyer!nntp.cs.ubc.ca!mala.bc.ca!oneb!ham!emd@uunet.uu.net  
Subject: Internet legality question  
To: info-hams@ucsd.edu

bmill@landesk.intel.com (Brett Miller - Support Engineer) writes:

> I know this isn't radio related, but I tried the other groups with  
> no response. I am looking for an authoritative source on what  
> business practices are "legal" or accepted using internet services.  
>  
> Can someone point me in the right direction?

I'd suggest you try news.groups or news.answers for the answer to your question. News.answers has a great many periodic faq postings, one of which probably addresses your question.

GL, Bob.

Robert Smits	There is *no* idiotproof filter.
VE7EMD	Idiots are proof against anything!
Ladysmith B.C.	- Richard Chycoski, VE7CVS
e-mail: emd@ham.almanac.bc.ca	

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Date: 7 Feb 1994 13:55:04 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!pipex!sunic!  
ugle.unit.no!lise.unit.no!kenneth@network.ucsd.edu  
Subject: mast  
To: info-hams@ucsd.edu

I intend to set up a simple dipole or perhaps a 2 el. short yagi for 20 m.  
So, I have a 13' long, 1.2 " dia., aluminium tubing mast.  
Can I use this as a mast for my dipole or short yagi ?

Or do I have to go for a steel mast ??

I'm afraid the aluminium mast will be damaged in a storm, and perhaps fall down from the roof, a total length of 70'.

If it hits my neighbour, I guess I better be somewhere else ...

kenneth.

-----  
Date: Sat, 5 Feb 1994 18:39:01 GMT  
From: netcomsv!netcom.com!ecarp@decwrl.dec.com  
Subject: Operating in Canada?  
To: info-hams@ucsd.edu

I know that I can operate in Canada without having to go through the reciprocal operating stuff, but how long can I do this in Canada? If I decide to immigrate, does having a US license do me any good? What frequencies can I operate on in Canada (I'm sure that their allocations are different than in the US)?

Is there an FTP server in Canada that has this information? I've looked through the FAQs and browsed world.std.com, but didn't find anything. Any help is appreciated!! Thanks!

--

Ed Carp, N7EKG   ecarp@netcom.com   510/659-9560  
                  an38299@anon.penet.fi, anon-1157@twwells.com  
If you want magic, let go of your armor. Magic is so much stronger than steel!  
                  -- Richard Bach, "The Bridge Across Forever"

-----  
Date: Thu, 3 Feb 1994 17:44:40 GMT  
From: usc!sol.ctr.columbia.edu!hamblin.math.byu.edu!news.byu.edu!  
news.provo.novell.com!park.uvsc.edu!cc.uvcc.edu!adamstr@network.ucsd.edu  
Subject: Q's on actual repeater locations  
To: info-hams@ucsd.edu

I have a question about repeater locations. What I'd like to be able to do is have a poster size map of my state on the wall with the actual physical repeater locations marked. Can anyone tell me how I can go about finding the \_actual\_ location of a repeater?? Please e-mail since I don't get a chance to read the net on a regular basis. Thanks!

Tracy - KB7YAP  
adamstr@cc.uvsc.edu

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Date: 8 Feb 1994 16:29:23 GMT  
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!news.umbc.edu!  
haven.umd.edu!cs.umd.edu!mojo.eng.umd.edu!mebly@network.ucsd.edu  
Subject: RF? problem with TS-440...need advice  
To: info-hams@ucsd.edu

A local ham is having an odd problem with a TS-440. Usually, when the transmitter is keyed on 15 meters, the radio IMMEDIATELY shuts itself off. It is necessary to turn off the power supply to the radio for several seconds before the radio will turn back on. On occasion, the radio will work fine on 15 meters.

This happens on SSB also, and at low output power levels. The shutdown when using SSB is not immediate...it takes several seconds. It does not occur when the radio is connected to a dummy load...just when it is connected to a dipole in the attic. The SWR on 15 meters is reasonable.

The symptoms do not occur on 10, 17, 13 or 10 meters, even when the SWR on the coax is very high.

I've seen RF problems cause transmitters to lock up, but I've never seen them immediately cause the radio to turn off. Can anyone offer any insight?

If it is RF, I hope to be dealing with the MIC cable, the KEY line or the power supply. My first brilliant idea is to try a 15-meter counterpoise connected to radio ground.

Thanks in advance for your advice. 73.

--

Mark Bailey        KD4D            Motto: Life's too short to drink cheap beer.  
mebly@glue.umd.edu            Disclaimer: I didn't really say this.

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Date: 6 Feb 94 10:51:57  
From: korie1!news2me.EBay.Sun.COM!exodus.Eng.Sun.COM!engnews1.Eng.Sun.COM!  
engnews1!rfm@decwrl.dec.com  
Subject: RF quiet computer monitors?  
To: info-hams@ucsd.edu

My computer monitor puts out an annoying amount of horizontal-sweep RFI; for other reasons I need to replace it soon, and I'd like to get one that's quieter. I'd like to tap the net's experience with this: what kind of monitor do you have, and have you had RFI trouble with it? So that I can filter dups, please email me (rfm@eng.sun.com), don't follow up to the net.

Please mention the manufacturer, model, a short description (e.g. "15 inch 1024x768 NI SVGA"), the approximate date of new purchase (equipment often changes during production runs) and your experience with it. I'll collect the responses and summarize back to rec.radio.amateur.equipment.

[I've directed followups to rec.radio.amateur.equipment, though I'd prefer responses by mail.]

Rich, KD6GZW

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Rich McAllister (rfm@eng.sun.com)

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Date: Sun, 6 Feb 94 05:55:00 -0005  
From: wyvern!select!dan@uunet.uu.net  
Subject: Robert is back (?) (w  
To: info-hams@ucsd.edu

myers@pongo.West.Sun.COM (Dana Myers ) writes:

> In article <CKoDx2.ALv@ucdavis.edu> ez006683@chip.ucdavis.edu (Daniel D. Todd  
> >A great x ray technician! (xraytech@sugar.NeoSoft.COM) wrote:  
> >  
> >: Why not abolish ALL testing. It seems to me that's what most of the  
> >: whiners want anyway, right?  
> >  
> >Dianne, if you had read my previous post before hitting the 'followup'  
> >key you'd know what most of the 'whiners' want.  
Only when you misquote them.

>  
> It appears that "Robert" Robert Coyle WA3J is back, this time  
> attempting to hide behind some "Great X-ray technician" moniker.  
> The mention of "Dianne" is the attribution of a quote in his  
> ".signature", though we know Robert would rather be anonymous  
> and just stir up trouble, like most jammers. So, just like  
> the way jammers should be dealt with, ignore Robert's pathetic  
> attempts at attention.

You are SO right! With the salvo fired right at me, I should have seen it. My appologies to the Net. (Not to Robert!)

Dan Pickersgill N8PKV - dan@mystis.wariat.org - ac447@po.cwru.edu

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Cam-GOLD v1.00:

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Date: 3 Feb 94 20:56:42 GMT  
From: sdd.hp.com!col.hp.com!srigenprp!alanb@hplabs.hp.com  
Subject: Securing VX0 coils, what glue?  
To: info-hams@ucsd.edu

asirene@ntuvax.ntu.ac.sg (asirene@ntuvax.ntu.ac.sg) wrote:

: Hi,

: I am winding some coils for a VX0 and want to know if  
: the "glue-gun" melted plastic is suitable for securing the coil  
: or if it is too lossy?

Most of the low-temperature thermoplastics like polyethelene,  
polystyrene, etc have low loss at RF frequencies. My guess is that  
hot-melt glue would probably work fine, especially if you don't  
use huge gobs of it.

AL N1AL

-----  
Date: 8 Feb 1994 13:32:25 GMT  
From: solaris.cc.vt.edu!myhost.subdomain.domain!plymale@uunet.uu.net  
Subject: Yaesu FT-5100 <-> MFJ-1270B  
To: info-hams@ucsd.edu

I'm trying to interface a Yaesu FT-5100 to a MFJ-1270B TNC via  
the 5100's DATA IN/OUT jack. I constructed a connector based on  
the instructions in the 5100 manual. The problem is that the  
transmit audio level out of the TNC is way too low. Adjusting  
trimpot R76 during the 1270B recalibration procedure does not help.  
Any suggestions for increasing transmit audio level are appreciated.

Thanks...

Bill - KD4CIY

--

Bill Plymale     plymale@mousetrap.es.vt.edu     703-231-9530  
Virginia Tech (Enrollment Services Information Systems)

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End of Info-Hams Digest V94 #123

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